

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Ito et al.  
Appl. No.: 10/599,071  
Conf. No.: 3798  
Filed: September 19, 2006  
Title: STIMULI-RESPONSIVE HYDROGEL, PRODUCTION METHOD OF STIMULI-RESPONSIVE HYDROGEL, AND POLYMER ACTUATOR USING STIMULI-RESPONSIVE HYDROGEL  
Art Unit: 1796  
Examiner: Darcy D. LaClair  
Docket No.: 3712174-00608

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO FINAL OFFICE ACTION**

Sir:

In response to the final Office Action dated October 18, 2010, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.